

Concurrent Master Degree in Chemistry Information for students graduating in 2025 spring or later:

All Students Who Meet the Requirements May Apply

**Application Requirements\*: six total courses in chemistry that include both completed and currently enrolled courses at time of application (junior fall).**

- Two required courses in organic chemistry (e.g., Chem 17, 20, 27, 30, 105, 153, etc.)
- Required course in quantum mechanics (e.g., Chem 160, Phys 143a, QSE 200):
- Required course in inorganic chemistry (e.g., Chemistry 40, 154, 155, 156):
- Required letter graded graduate chemistry course that will count towards the master's degree
- Applicants are required to have six chemistry courses (either completed or currently enrolled in) at the time of their application. In addition to the required courses listed above, the following courses can be used to satisfy the application requirement of six chemistry courses: LPSA, LS1a, Chem 10/PS 10, PS11, Chem 91r, Chem 98r, Chem 99r.
- At least four out of the six total courses in chemistry should be letter-graded.

Note: Ordinarily, applicants will be working in a research laboratory when they apply, however admitted applicants must be able to be working in a research laboratory by the spring semester following their application to the concurrent masters program in the fall.

\*Applicants must have six courses from the list above to apply. For applicants who have not completed one of the required courses in organic chemistry, quantum mechanics, and inorganic chemistry at the time of their application, it is possible that applicants can complete one required course (e.g., Chem 40 or 160) by the end of their senior year. Chemistry courses taken at MIT can be used to satisfy any of the application requirements listed above with approval from the chemistry department.

**Application Deadline Dec 1st (ish) in the fall of your junior year**

Application Here: <https://gsas.harvard.edu/admissions/apply>

The application will require:

1. A one-page research statement. At the end of the statement, include a few sentences on how this master degree prepares you for your next-stage career goals.
2. A letter of recommendation from your research advisor (current or previous)
3. A list of the grades in your math and science courses

### Application Checklist:

- ☐ Make a plan to complete the requirements for Master's degree: eight courses typically completed with **four letter-graded courses** and **four research courses**
- ☐ Make a plan to complete a minimum of **thirty-six courses to earn an undergraduate & master's degree** This requirement can be satisfied by taking the equivalent of five classes for four terms.
- ☐ Identify the four letter-graded graduate courses on this plan that will be double counted between the Master's & Undergraduate degree
- ☐ Get the Supplemental [Form](#) Signed
  - ☐ Meet with your Resident Dean to confirm you will complete your undergraduate degree (junior and senior year)
  - ☐ Meet with Ted Betley ([betley@chemistry.harvard.edu](mailto:betley@chemistry.harvard.edu)) to discuss your graduate degree and sign the form above (do this in the fall term of your junior year)
  - ☐ Meet with Gregg Tucci ([tucci@fas.harvard.edu](mailto:tucci@fas.harvard.edu)) or DUS in your concentration to ensure you are completing your undergraduate degree (junior and senior years) and to sign the form above
- ☐ Read this information on advising and your graduate and undergraduate degrees: <https://oue.fas.harvard.edu/concurrent-masters-information-enrolled-students>.
- ☐ Request letter of reference: your application will require one letter of reference. **This letter should be from your current research supervisor (or a previous research supervisor).**

### Concurrent Master Degree Requirements:

1. Required courses:
  - a. Four letter-graded graduate chemistry courses.
  - b. Four research courses in chemistry (graded SAT/UNSAT).
2. Present your research (oral or poster) in the CCB Undergraduate Research Symposium at the end of the spring semester in your Senior year.

## Planning Worksheet, Examples of Graduate Courses, & Sample Master's Schedule

Research (300+)	Term/Year	Letter Graded Grad Course	Term/Year	Notes

**Examples of Graduate Courses (Grad Course):** Chemistry 101, 105, 110, 153, 154, 155, 156, 163, 166, 170, 171, 246, 255. Chem 300 is research for graduate students and is graded SAT/UNSAT. Note that Chem 100r, 135, 145, 160, 161, and 165 are not Grad Courses.

### SAMPLE SCHEDULE 1

#### Junior Year

##### Fall (apply)

Chem 300/98r  
Grad Course

##### Spring

Chem 300/99r  
Grad Course

#### Senior Year

##### Fall

Chem 300  
Grad Course

##### Spring

Chem 300  
Grad Course

### SAMPLE SCHEDULE 2

In the case if the applicants start research in the Junior Spring:

#### Junior Year

##### Fall (apply)

Grad Course

##### Spring

Chem 300/99r and Chem 300/99r  
Grad Course

#### Senior Year

##### Fall

Chem 300  
Grad Course

##### Spring

Chem 300  
Grad Course